

OIE  
03/06

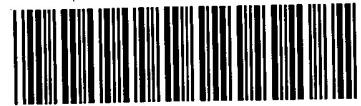
**CRF Errors Corrected by the STIC Systems Branch**

**Serial Number:** 09/904,553

CRF Processing Date: 2/17/2002  
Edited by: AS (STIC staff)  
Verified by: \_\_\_\_\_

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically:
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_.
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 173
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:
- Deleted extra, invalid, headings used by an applicant, specifically:
- Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  page numbers throughout text;  other invalid text, such as \_\_\_\_\_.
- Inserted mandatory headings, specifically:
- Corrected an obvious error in the response, specifically:
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically:
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- Other:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



OIPE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/904,553

DATE: 02/17/2002  
 TIME: 14:45:42

Input Set : N:\Crf3\02082002\I904553.raw  
 Output Set: N:\CRF3\02172002\I904553.raw

1 <110> APPLICANT: Genentech, Inc.  
 2 Ashkenazi, Avi  
 3 Botstein, David  
 4 Desnoyers, Luc  
 5 Eaton, Dan L.  
 6 Ferrara, Napoleone  
 7 Filvaroff, Ellen  
 8 Fong, Sherman  
 9 Gao, Wei-Qiang  
 10 Gerber, Hanspeter  
 11 Gerritsen, Mary E.  
 12 Goddard, A.  
 13 Godowski, Paul J.  
 14 Grimaldi, Christopher J.  
 15 Gurney, Austin L.  
 16 Hillan, Kenneth, J.  
 17 Kljavin, Ivar J.  
 18 Mather, Jennie P.  
 19 Pan, James  
 20 Paoni, Nicholas F.  
 21 Roy, Margaret Ann  
 22 Stewart, Timothy A.  
 23 Tumas, Daniel  
 24 Williams, P. Mickey  
 25 Wood, William, I.  
 26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 27 Acids Encoding the Same  
 28 <130> FILE REFERENCE: 10466-14  
 29 <140> CURRENT APPLICATION NUMBER: US/09/904,553  
 30 <141> CURRENT FILING DATE: 2002-01-22  
 31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414  
 32 <151> PRIOR FILING DATE: 2000-02-22  
 33 <150> PRIOR APPLICATION NUMBER: US 60/143,048  
 34 <151> PRIOR FILING DATE: 1999-07-07  
 35 <150> PRIOR APPLICATION NUMBER: US 60/145,698  
 36 <151> PRIOR FILING DATE: 1999-07-26  
 37 <150> PRIOR APPLICATION NUMBER: US 60/146,222  
 38 <151> PRIOR FILING DATE: 1999-07-28  
 39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594  
 40 <151> PRIOR FILING DATE: 1999-09-08  
 41 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944  
 42 <151> PRIOR FILING DATE: 1999-09-13  
 43 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/904,553

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46 <151> PRIOR FILING DATE: 1999-09-15
47 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
48 <151> PRIOR FILING DATE: 1999-10-05
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54 <151> PRIOR FILING DATE: 1999-12-02
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57 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
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77 ggcggaaaca cggctggga ggaaaagacg ctgtccaagt acgagtccag cgagattcgc 360
78 ctgctggaga tcctggaggg gctgtgcgag agcagcgact tcgaatgc aaatgtgt 420
79 gagggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
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81 cccactgtc tcgcataatcc gggcgatcc cagaggccct gcagcgggaa tggccactgc 600
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83 ccgctgtgca ctgactgcat ggacggctac tttagctcgcc tccggaaacga gaccacagc 720
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85 ggcgagtgtg aagtggctg ggtgctggac gagggcgcct gtgtggatgt ggacgagtgt 840
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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/904,553

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Output Set: N:\CRF3\02172002\I904553.raw

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96 aaagggcgcc cgcgactcta gagtcgaccc gcagaagctt gccgcctatg 1500  
97 gccaacttg tttattgcag cttataatgg ttacaataaa agcaatagca tcacaaattt 1560  
98 cacaataaa gcattttttt cactgcatc tagttgtgg ttgtccaaac tcataatgt 1620  
99 atcttatcat gtctggatcg ggaattaatt cggcgcagca ccataccctg aaataacctc 1680  
100 taaaaagagga acttggtagt gtaccttctg aggccggaaag aaccagctgt ggaatgtgtg 1740  
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112 20 25 30  
113 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr  
114 35 40 45  
115 Ala Lys Lys Asn Phe Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr  
116 50 55 60  
117 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu  
118 65 70 75 80  
119 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala  
120 85 90 95  
121 Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr  
122 100 105 110  
123 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys  
124 115 120 125  
125 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser  
126 130 135 140  
127 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg  
128 145 150 155 160  
129 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu  
130 165 170 175  
131 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr  
132 180 185 190  
133 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly  
134 195 200 205  
135 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp  
136 210 215 220  
137 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro  
138 225 230 235 240  
139 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys  
140 245 250 255  
141 Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly  
142 260 265 270  
143 Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/904,553

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TIME: 14:45:42

Input Set : N:\Crf3\02082002\I904553.raw  
Output Set: N:\CRF3\02172002\I904553.raw

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148          305          310          315          320
149      Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
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167      cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatacc 480
168      attccatgaa ttttacctgg caagctgcag ggcaggcaga atacttctat gaattcctgt 540
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177      ctccaggact agaggaggag cagtgtgaaa tcagcaaattt cccacaaccc tgcgaaatg 1080
178      gaggttaaatg cattgtaaa agcaaattgtt agtgttccaa aggttaccag ggagacctct 1140
179      gttcaaaagcc tgcgtgcgag cttggctgtt gtgcacatgg aacctgccc gaaaccaaca 1200
180      aatgccaatg tcaagaaggt tggcatggaa gacactgcaaa taatggatgtt gaaaggcc 1260
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183      aaacgtttta agttacacca agttcatagc ctttgtttaac ctttcatgtt ttgaatgttc 1440
184      aaataatgtt cattacactt aagaatactg gcctgaattt tattagctt attataaattc 1500
185      actgagctga tatttactt tccttttaag ttttcttaatg acgtctgttag catgatggta 1560
186      tagattttct tggatgttgcgat ctttgggaca gattttatatt tatgtcaatt gatcaggtt 1620
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188      gggcaggggc acatcagaaa gtttaaatgg ggcaaaaatg cgtaaatgcac aagaattttgg 1740
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190      ttgttacatt tttaaaaatt gctcttaatt tttaaactct caataacaata tattttgacc 1860
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192      ttaaaacaata taatataattc taaacacaat gaaataggaa atataatgtt tgaacttttt 1980
193      gcattggctt gaagcaatat aatataattgt aaacaaaaca cagctcttac ctaataaaca 2040

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/904,553

DATE: 02/17/2002  
TIME: 14:45:42

Input Set : N:\Crf3\02082002\I904553.raw  
Output Set: N:\CRF3\02172002\I904553.raw

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200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
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206          20          25           30
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208          35          40           45
209      Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
210          50          55           60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
212          65          70           75           80
213      Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214          85          90           95
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217      Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218          115         120           125
219      His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220          130         135           140
221      Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222          145         150           155           160
223      Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224          165         170           175
225      Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226          180         185           190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228          195         200           205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230          210         215           220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232          225         230           235           240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234          245         250           255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236          260         265           270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238          275         280           285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240          290         295           300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242          305         310           315           320
243      His Glu Pro Asn Lys Cys Gln Cys Glu Gly Trp His Gly Arg His

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→ Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/904,553

DATE: 02/17/2002  
TIME: 14:45:43

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L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113  
L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131  
L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174  
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175  
L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206